

06-26-01

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

2024.27

First Inventor

TYLER LOWREY

Title

METHOD FOR MAKING PROGRAMMABLE  
RESISTANCE MEMORY ELEMENT

Express Mail Label No.

EJ 000761231US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 66]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 49]
5. ☐ Oath or Declaration [Total Pages ]
- a. ☐ Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))
- b. ☐ (for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP)

of prior application No.

Prior application information.

Examiner

Group Art Unit.

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label

(Insert Customer No. or Attach Bar code label here)



Correspondence address below

Name

PHILIP H. SCHLAZER

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Registration No. (Attorney/Agent)

42,127

Signature

Philip H. Schlazer

Date

6/25/01

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 2346

## Complete if Known

Application Number

Filing Date

First Named Inventor

TYLER LOWREY

Examiner Name

Group Art Unit

Attorney Docket No.

2024.27

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

05-1068

Deposit Account Name

ENERGY CONVERSION DEVICES

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description        | Fee Paid |
|----------|----------|----------|----------|------------------------|----------|
| 101      | 710      | 201      | 355      | Utility filing fee     | 710      |
| 106      | 320      | 206      | 160      | Design filing fee      |          |
| 107      | 490      | 207      | 245      | Plant filing fee       |          |
| 108      | 710      | 208      | 355      | Reissue filing fee     |          |
| 114      | 150      | 214      | 75       | Provisional filing fee |          |

SUBTOTAL (1) (\$)

### 2. EXTRA CLAIM FEES

Total Claims 102 -20\*\* = 82 x 18 = 1476  
Independent Claims 5 - 3\*\* = 2 x 80 = 160  
Multiple Dependent ☐ = ☐

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description                                            | Fee Paid |
|----------|----------|----------|----------|------------------------------------------------------------|----------|
| 103      | 18       | 203      | 9        | Claims in excess of 20                                     |          |
| 102      | 80       | 202      | 40       | Independent claims in excess of 3                          |          |
| 104      | 270      | 204      | 135      | Multiple dependent claim, if not paid                      |          |
| 109      | 80       | 209      | 40       | ** Reissue independent claims over original patent         |          |
| 110      | 18       | 210      | 9        | ** Reissue claims in excess of 20 and over original patent |          |

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description                                                            | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------------------------------------------------------|----------|
| 105                   | 130                   | 205                   | 65                    | Surcharge - late filing fee or oath                                        |          |
| 127                   | 50                    | 227                   | 25                    | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139                   | 130                   | 139                   | 130                   | Non-English specification                                                  |          |
| 147                   | 2,520                 | 147                   | 2,520                 | For filing a request for ex parte reexamination                            |          |
| 112                   | 920*                  | 112                   | 920*                  | Requesting publication of SIR prior to Examiner action                     |          |
| 113                   | 1,840*                | 113                   | 1,840*                | Requesting publication of SIR after Examiner action                        |          |
| 115                   | 110                   | 215                   | 55                    | Extension for reply within first month                                     |          |
| 116                   | 390                   | 216                   | 195                   | Extension for reply within second month                                    |          |
| 117                   | 890                   | 217                   | 445                   | Extension for reply within third month                                     |          |
| 118                   | 1,390                 | 218                   | 695                   | Extension for reply within fourth month                                    |          |
| 128                   | 1,890                 | 228                   | 945                   | Extension for reply within fifth month                                     |          |
| 119                   | 310                   | 219                   | 155                   | Notice of Appeal                                                           |          |
| 120                   | 310                   | 220                   | 155                   | Filing a brief in support of an appeal                                     |          |
| 121                   | 270                   | 221                   | 135                   | Request for oral hearing                                                   |          |
| 138                   | 1,510                 | 138                   | 1,510                 | Petition to institute a public use proceeding                              |          |
| 140                   | 110                   | 240                   | 55                    | Petition to revive - unavoidable                                           |          |
| 141                   | 1,240                 | 241                   | 620                   | Petition to revive - unintentional                                         |          |
| 142                   | 1,240                 | 242                   | 620                   | Utility issue fee (or reissue)                                             |          |
| 143                   | 440                   | 243                   | 220                   | Design issue fee                                                           |          |
| 144                   | 600                   | 244                   | 300                   | Plant issue fee                                                            |          |
| 122                   | 130                   | 122                   | 130                   | Petitions to the Commissioner                                              |          |
| 123                   | 50                    | 123                   | 50                    | Processing fee under 37 CFR 1.17(q)                                        |          |
| 126                   | 180                   | 126                   | 180                   | Submission of Information Disclosure Stmt                                  |          |
| 581                   | 40                    | 581                   | 40                    | Recording each patent assignment per property (times number of properties) |          |
| 146                   | 710                   | 246                   | 355                   | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149                   | 710                   | 249                   | 355                   | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179                   | 710                   | 279                   | 355                   | Request for Continued Examination (RCE)                                    |          |
| 169                   | 900                   | 169                   | 900                   | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

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Philip H. Schlazer

Date

6/25/01

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Our Reference: 2024.27

Patent

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Lowrey, et al

Serial No.: unknown

Filing Date: unknown

Art Unit: unknown

Examiner: unknown

Title: METHOD FOR MAKING PROGRAMMABLE RESISTANCE MEMORY  
ELEMENT

**CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR 1.10**

Assistant Commissioner for Patents

Box Patent Application

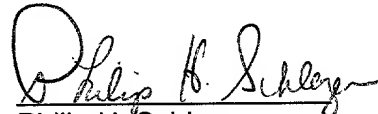
Washington, D.C. 20231

Sir:

Enclosed in this correspondence is:

1. A new patent application with specification, claims and abstract  
on 66 pages  
- 49 sheets of drawings.
2. Utility patent application sheet
3. Fee transmittal sheet
4. Copy of fee transmittal sheet
5. Return post card

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office To Addressee" service under 37 CFR 1.10 in an envelope addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231 on June 25, 2001. Label Number: EJ000761231US.



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Date: 25 June 2001

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